

Fig. 1 [Prior Art]

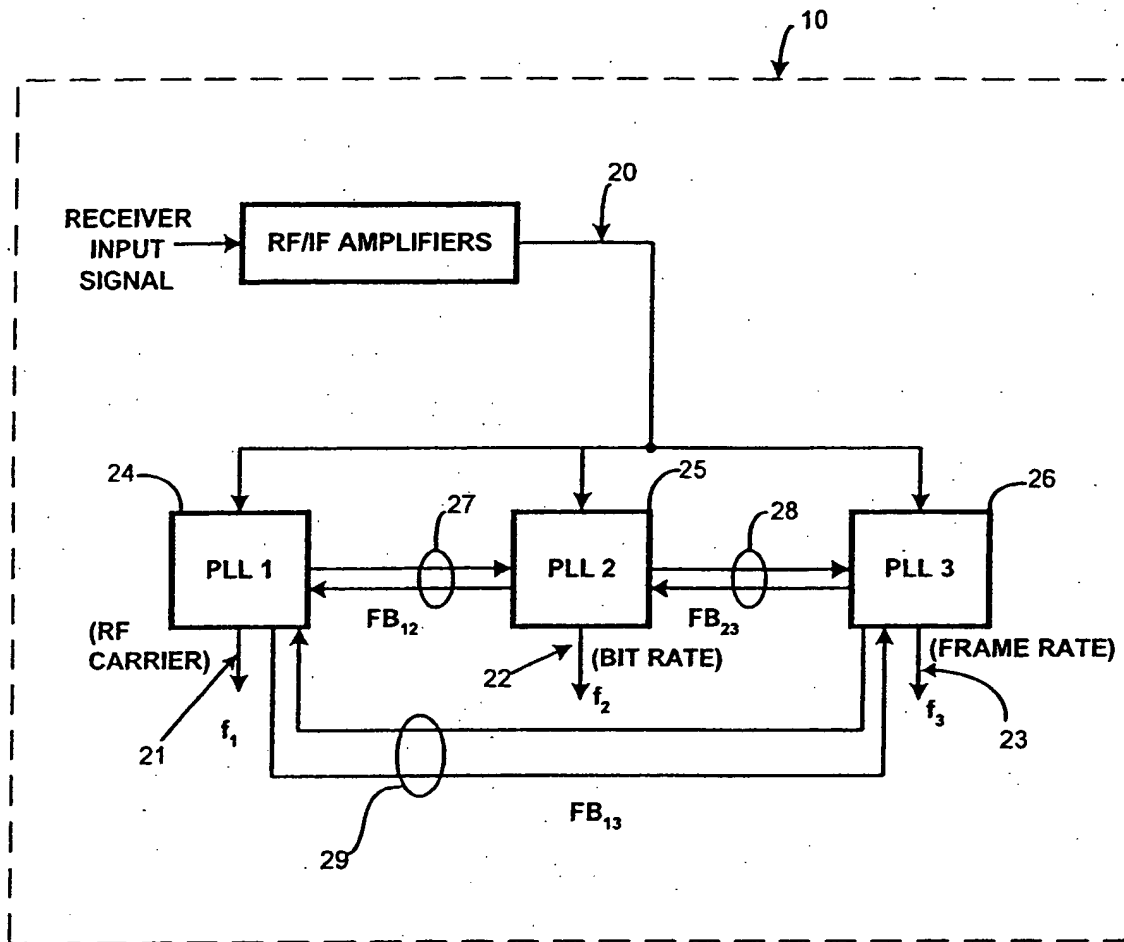


Fig. 2

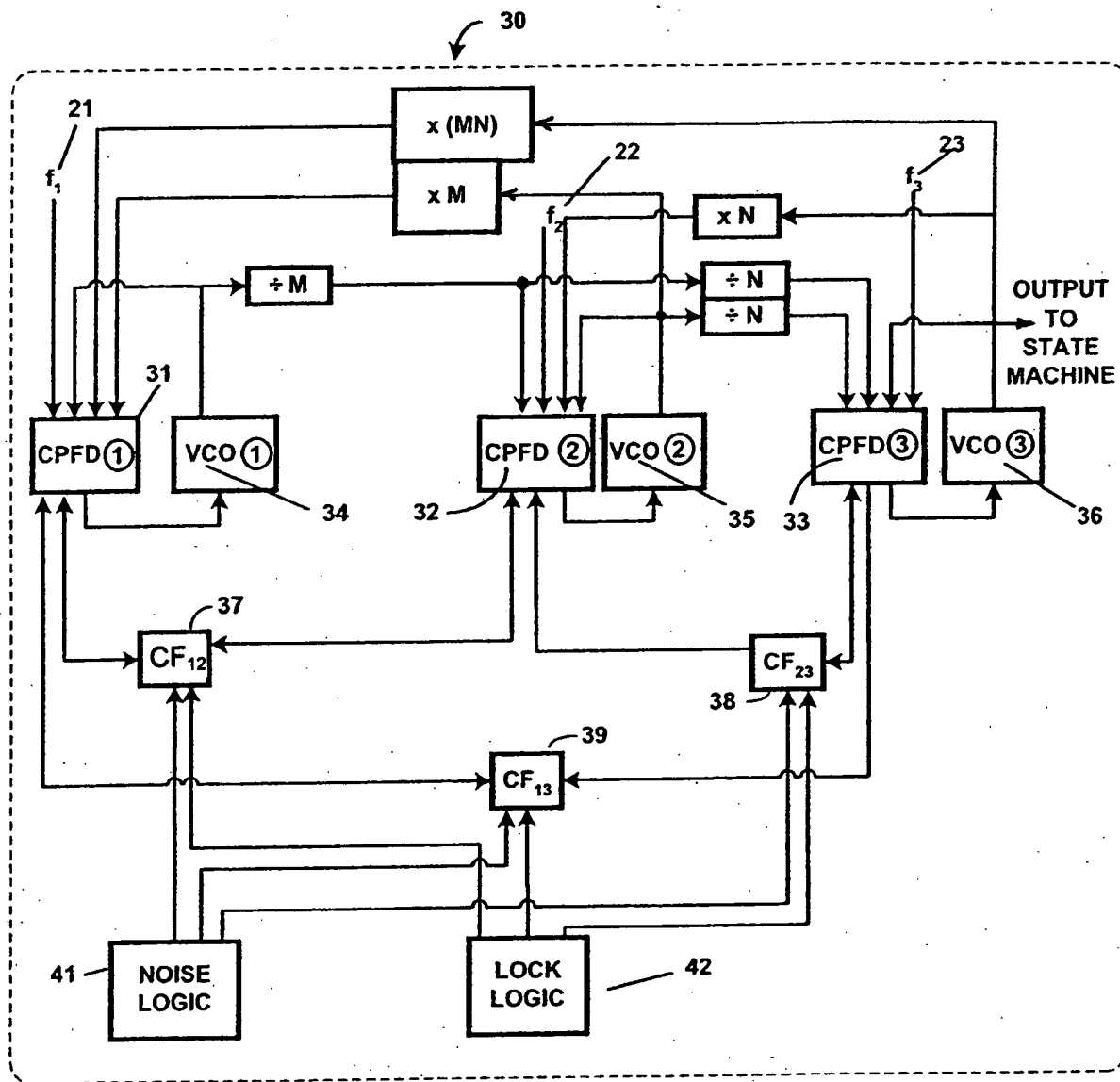
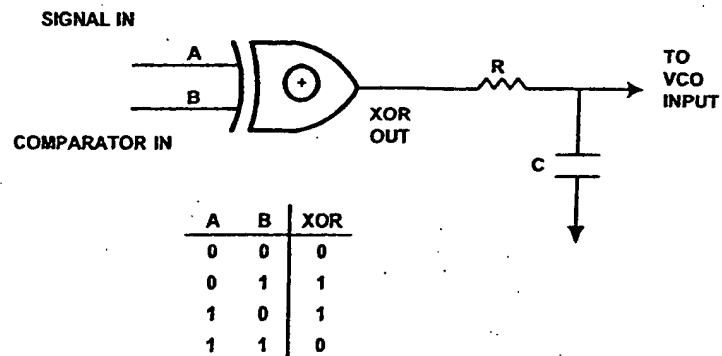
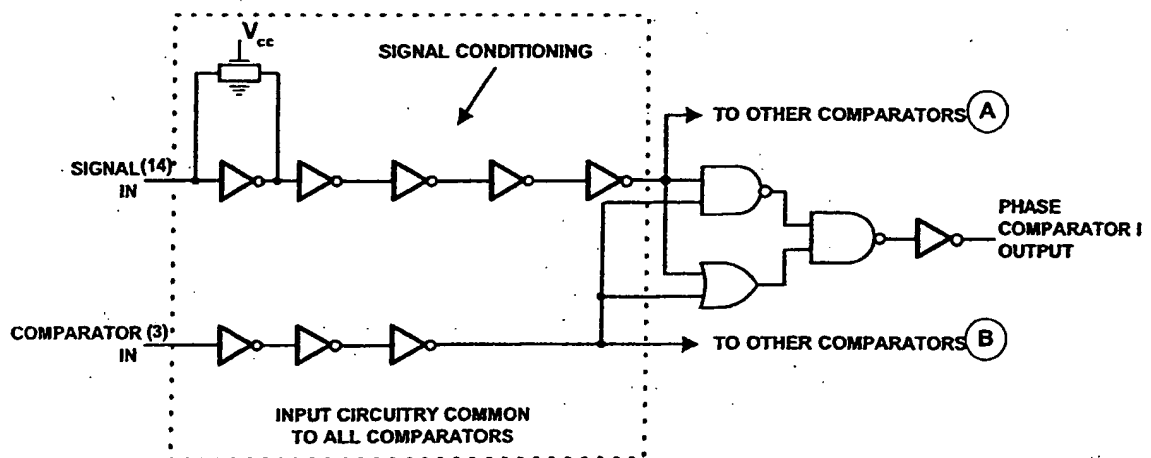


Fig. 3

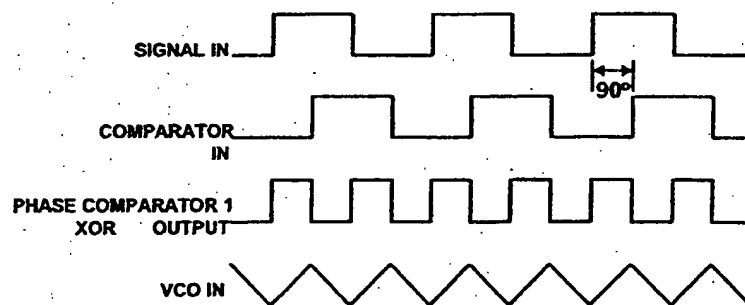
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(A) BASIC XOR PHASE COMPARATOR



(B) DETAILED ON-CHIP IC CIRCUITRY IN 74HC4046



(C) TYPICAL XOR DETECTOR WAVEFORMS

Fig. 4 (Prior Art)

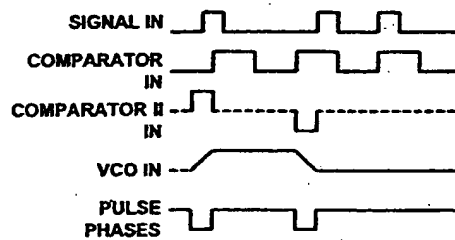
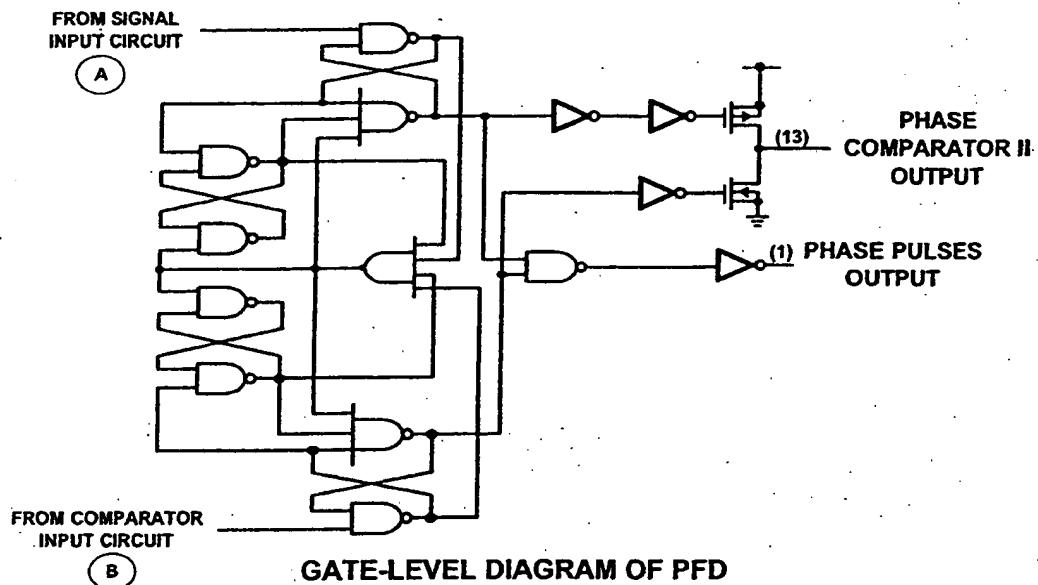
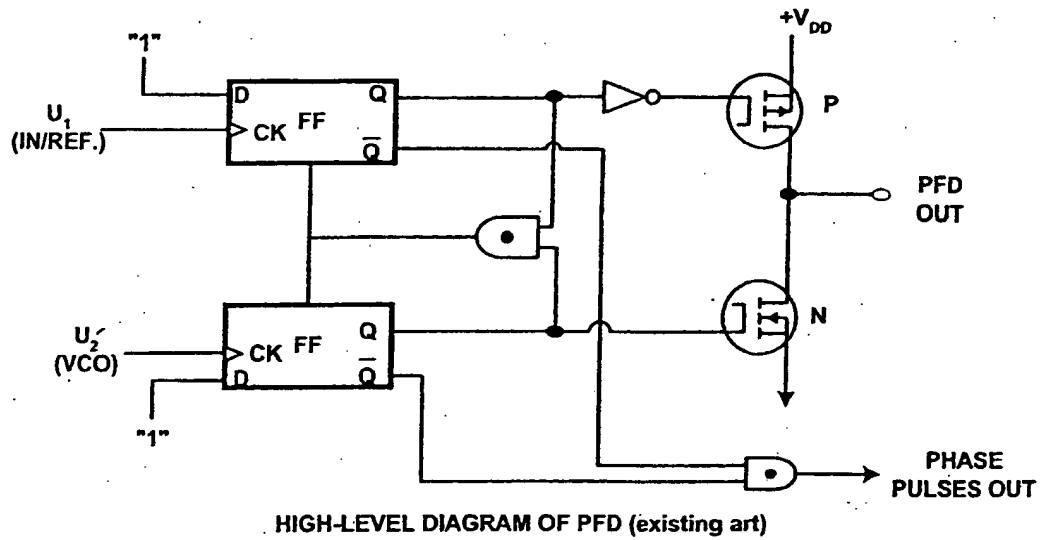


Fig. 4 cont. (Prior Art)



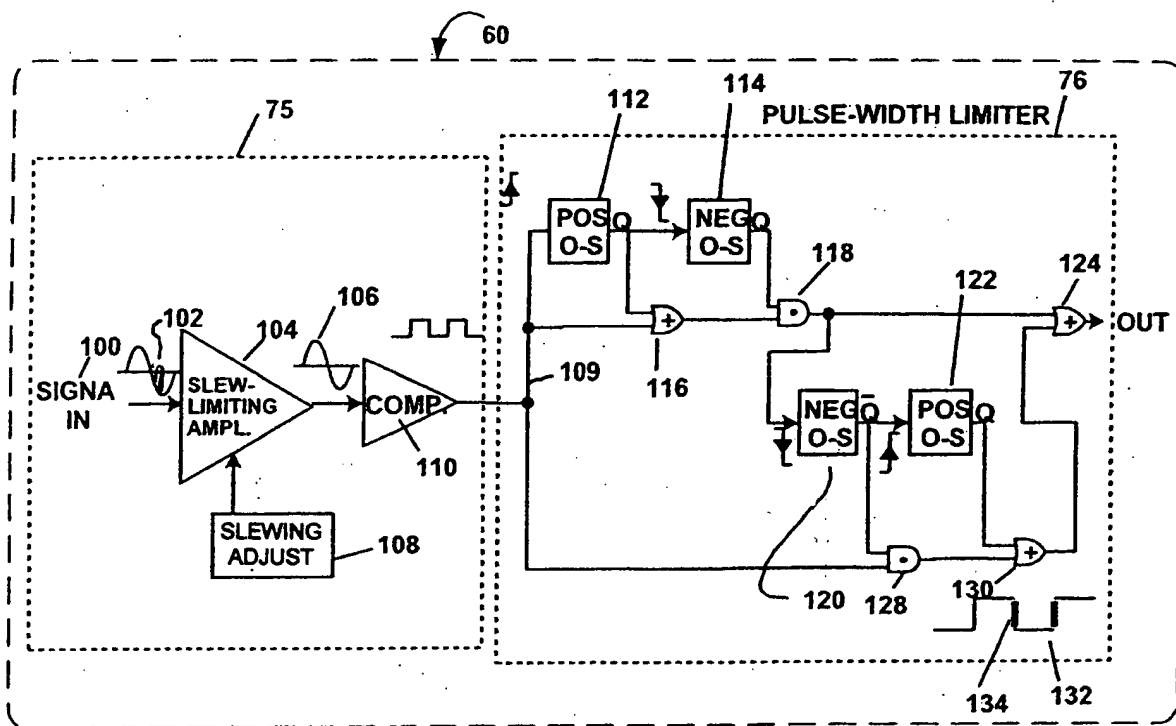


Fig. 6

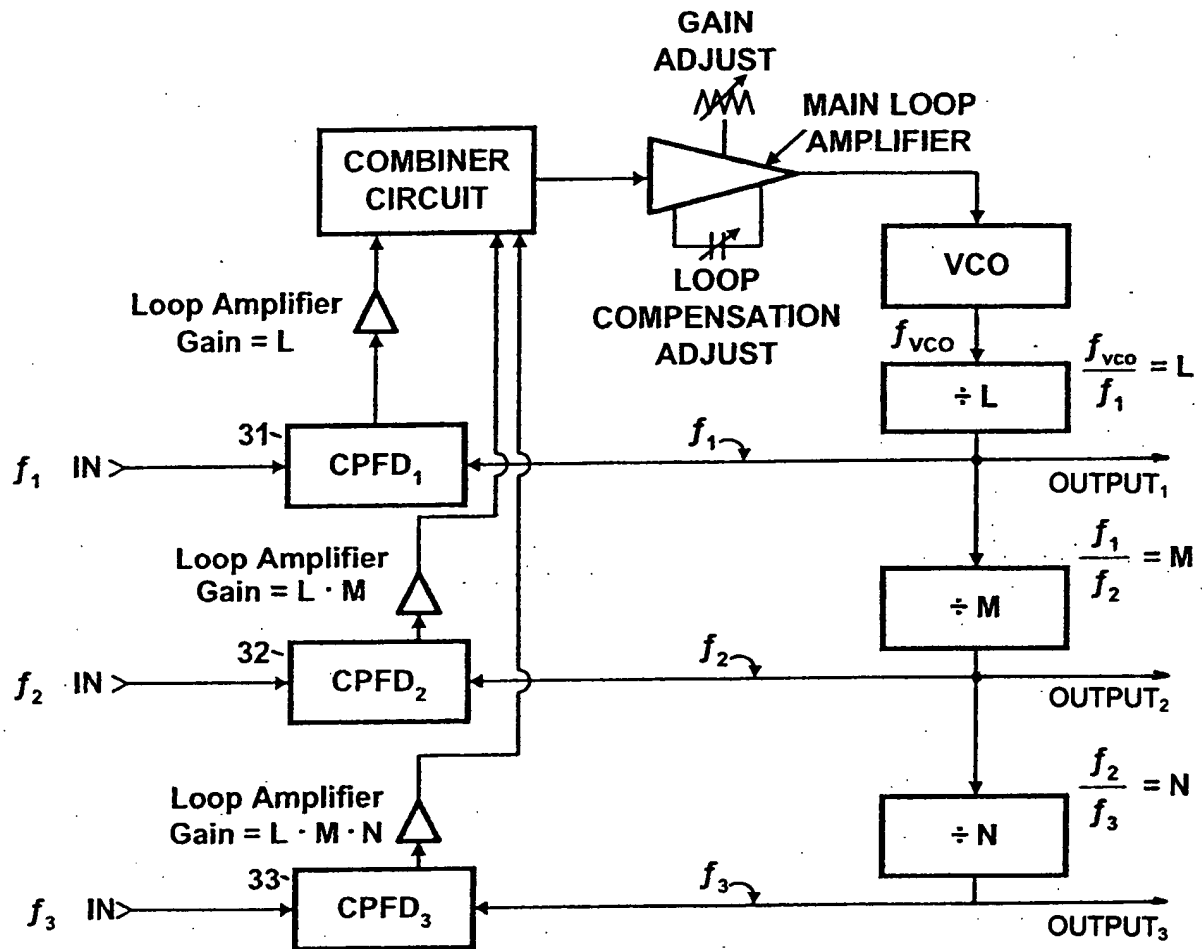


Fig. 7